

FIGURE - 1

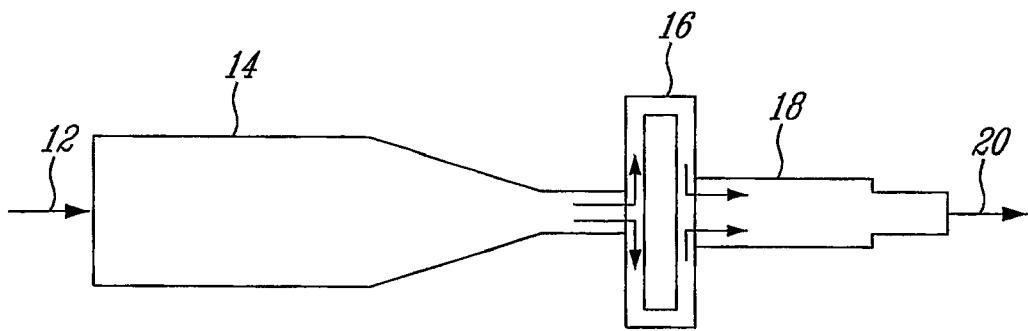
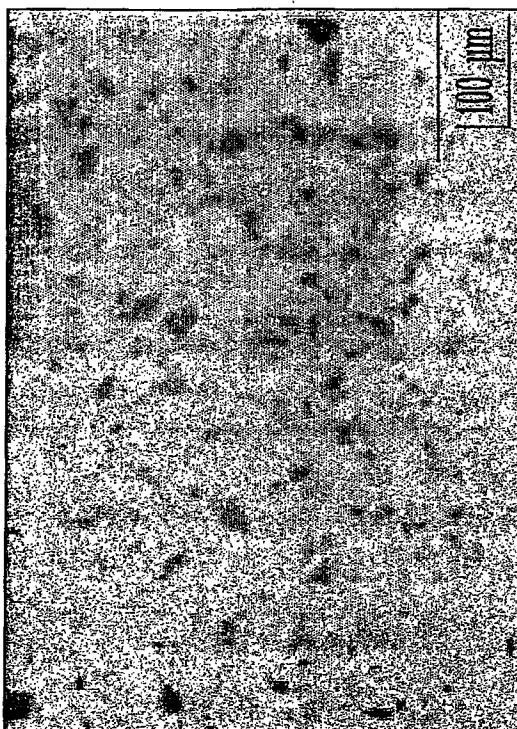
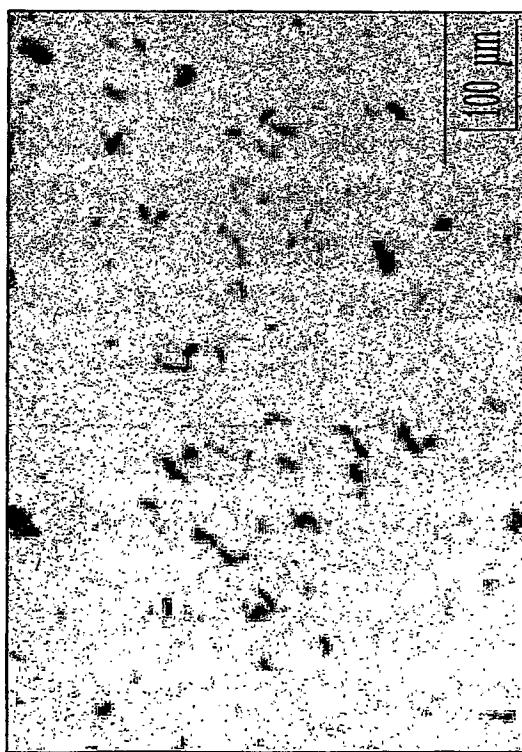


FIGURE - 2

2/31

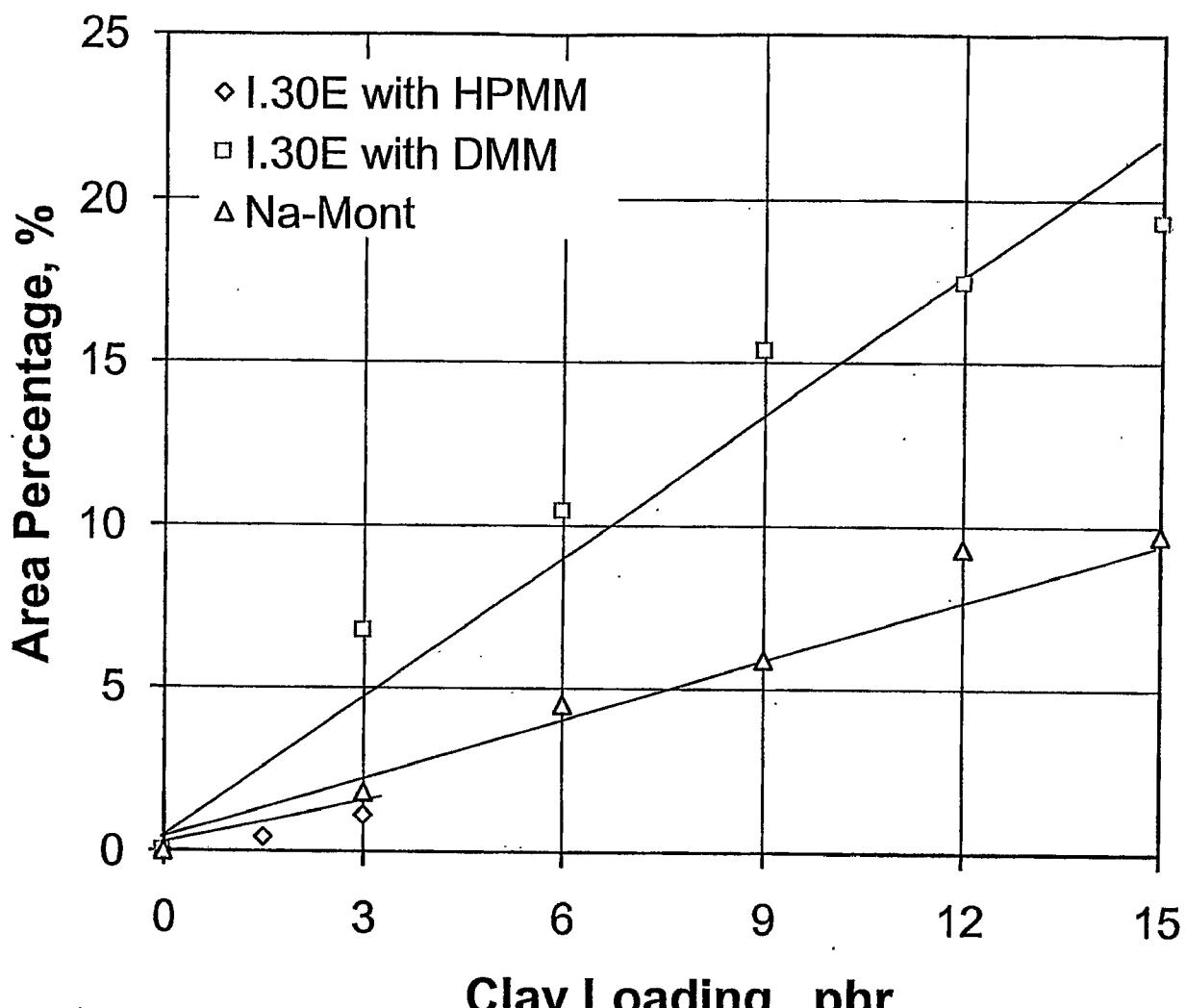


TSL-36



TSL-38

3/31

FIGURE - 4

4/31

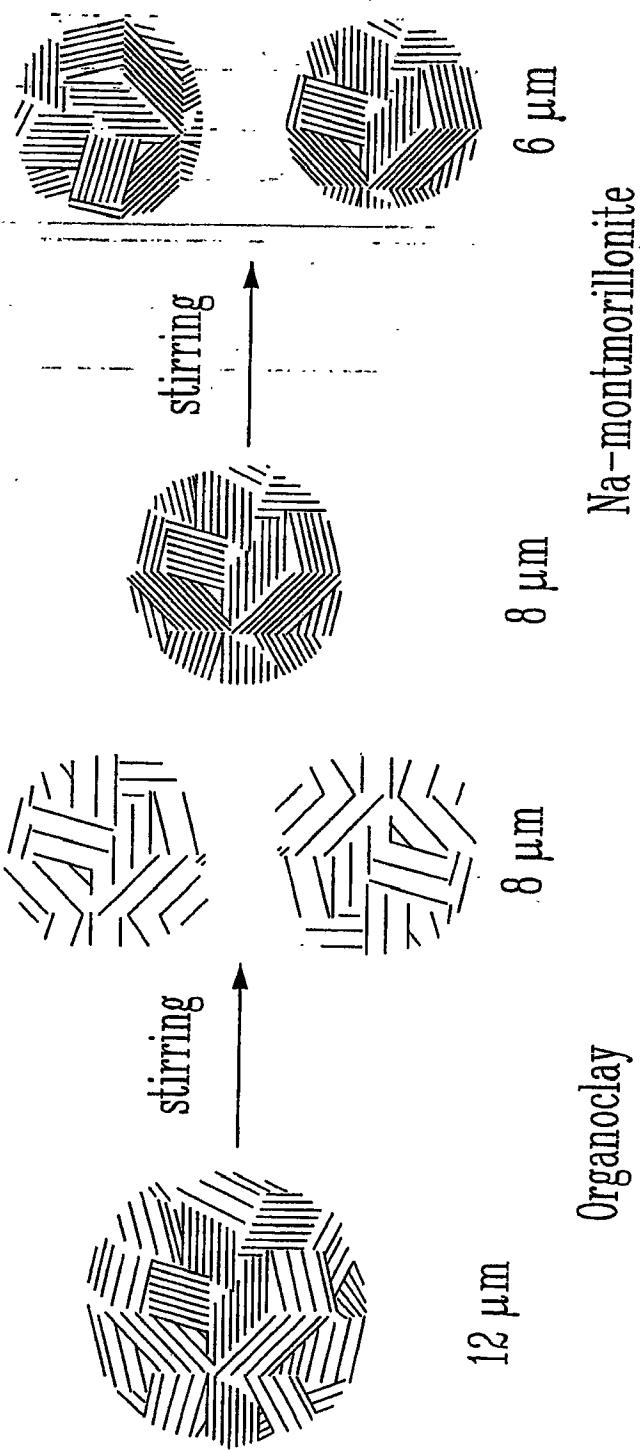


FIG - 5

5/31

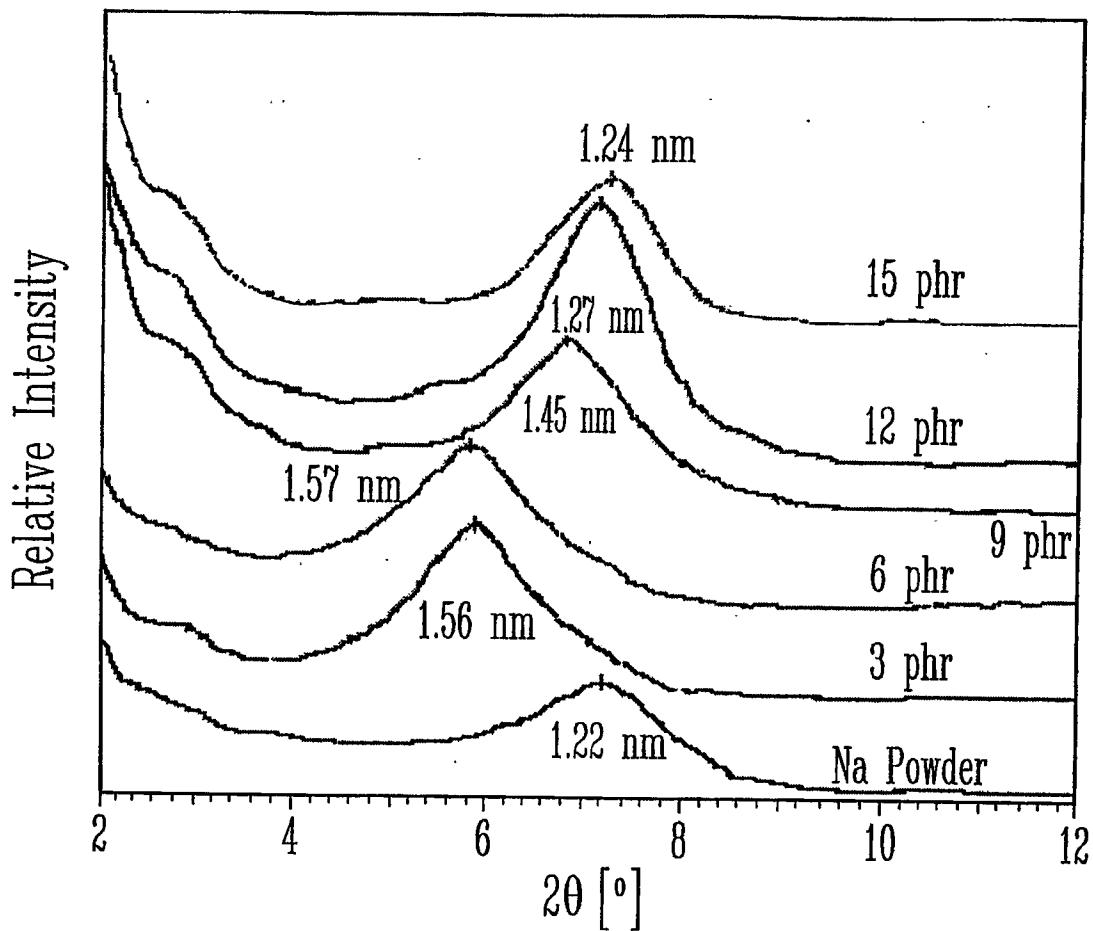
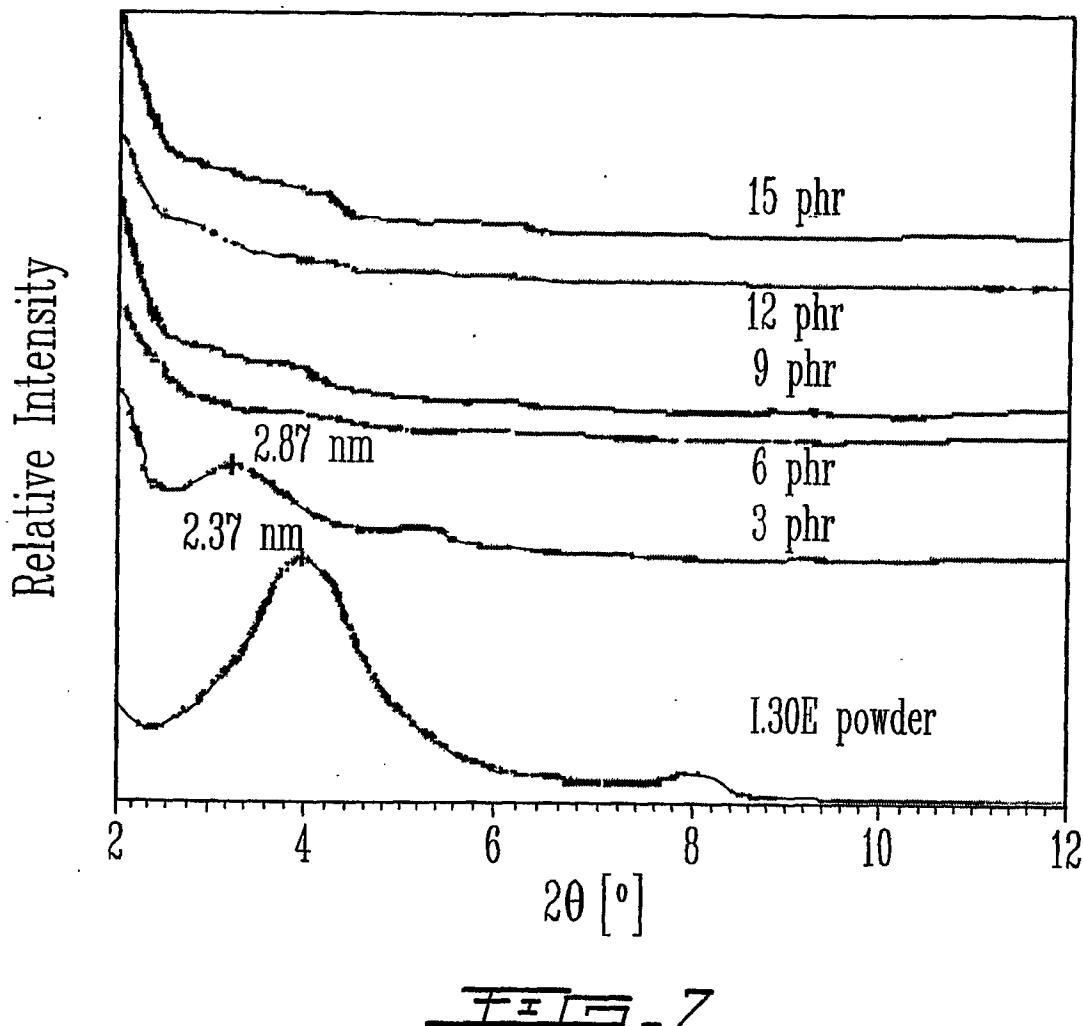
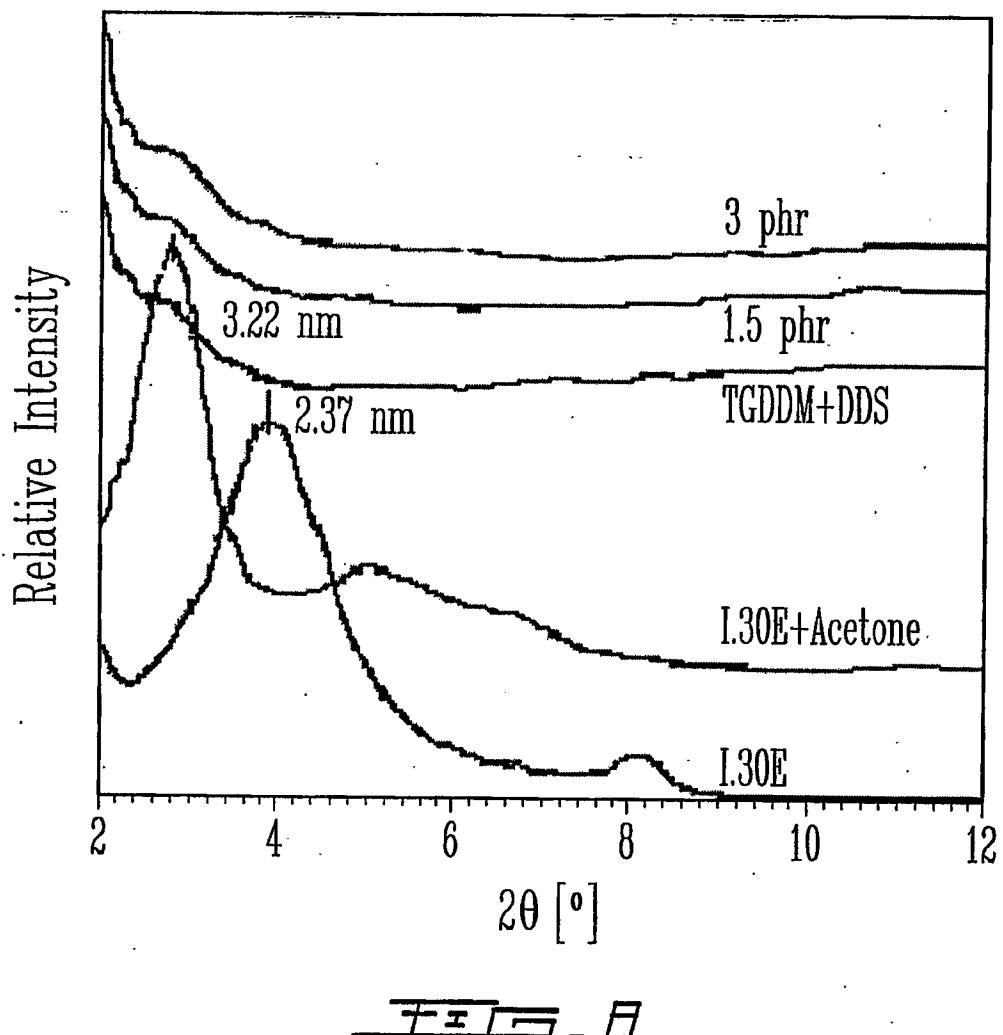


FIGURE - 6

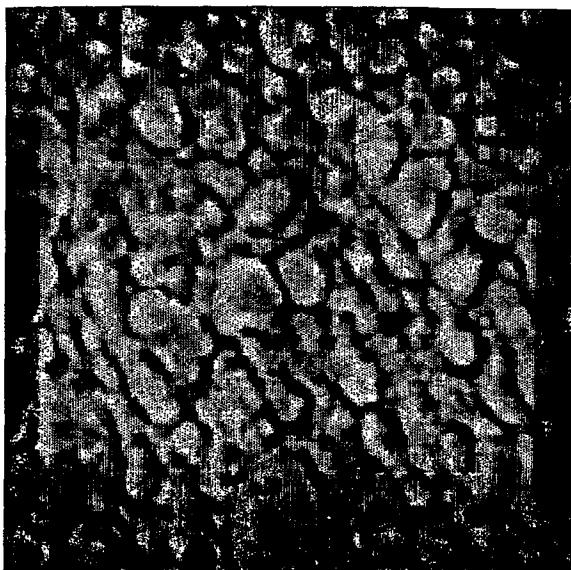
6/31



7/31

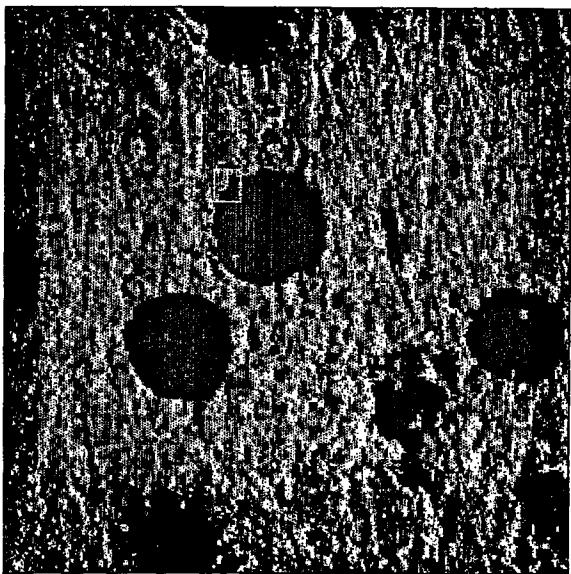


8/31



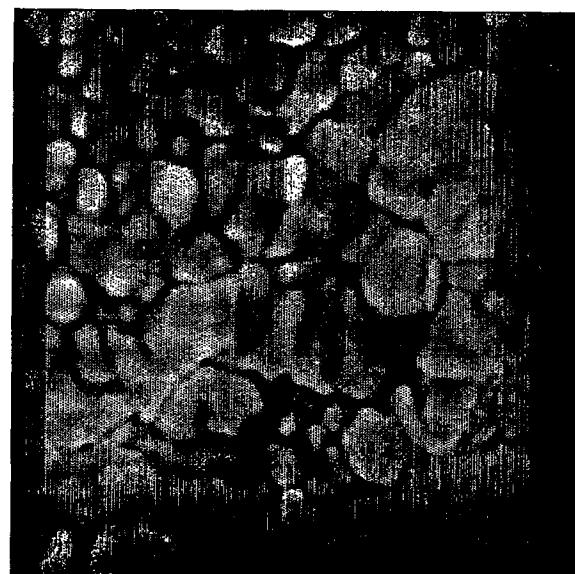
Fe/S-9a

1 μm



Fe/S-9b

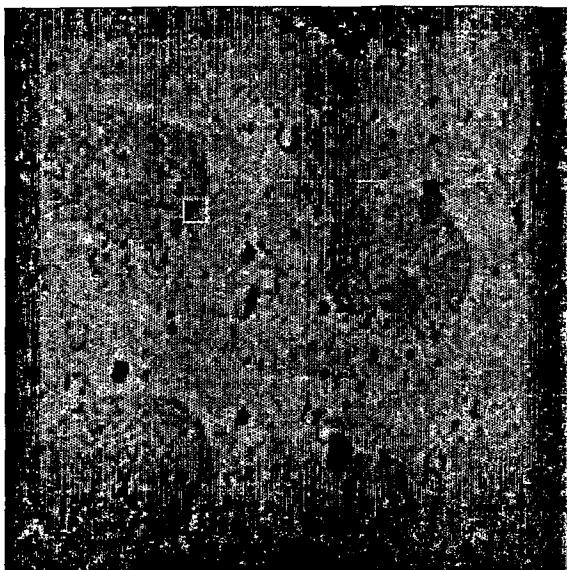
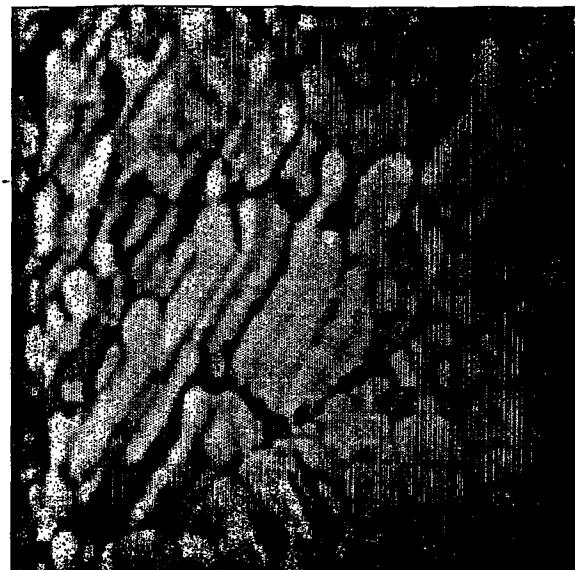
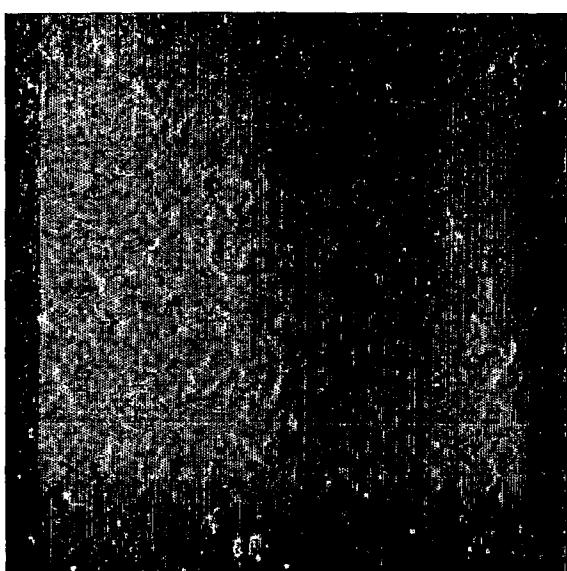
30 μm



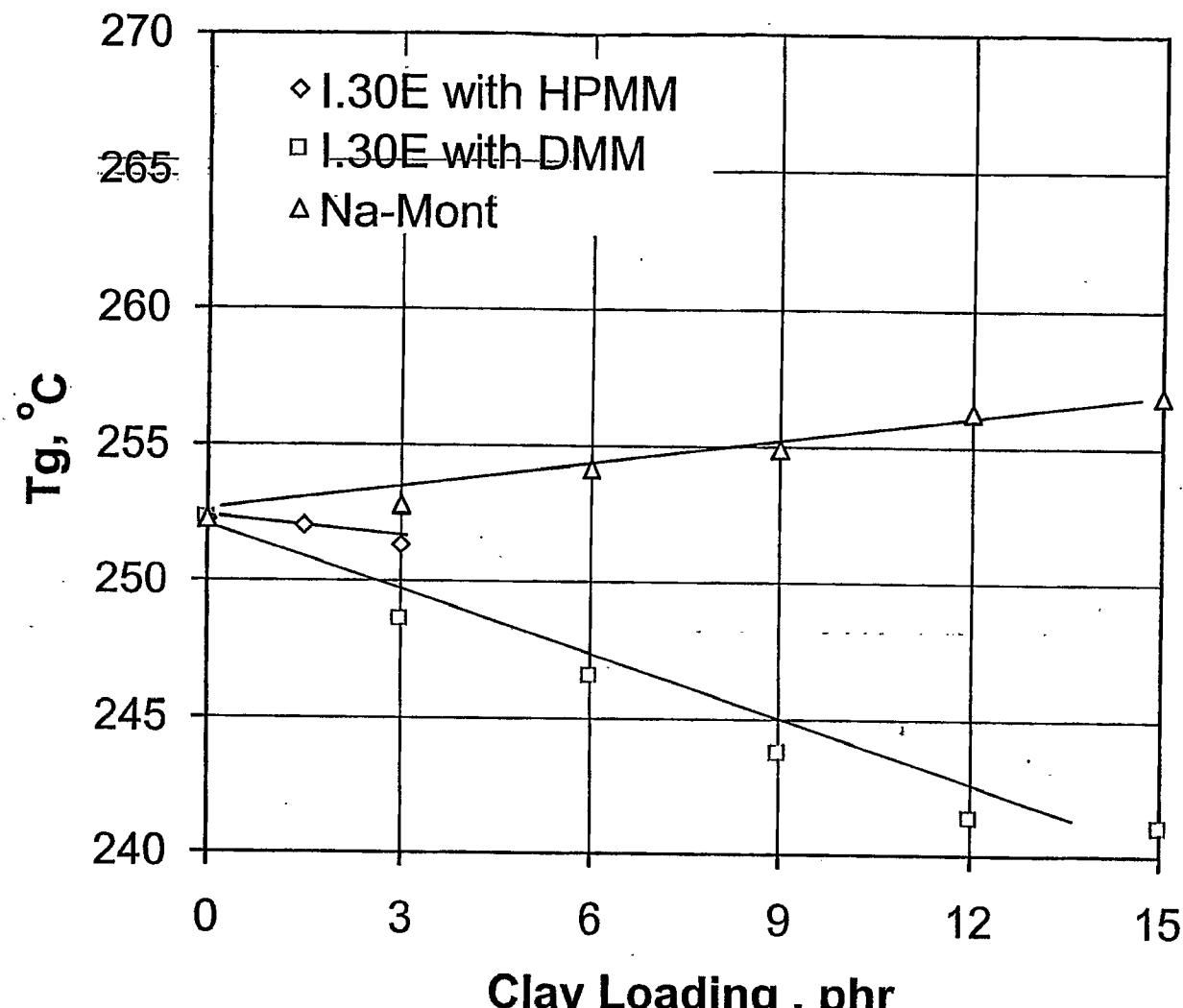
Fe/S-9c

1 μm

9/31

TiO<sub>2</sub>-9dTiO<sub>2</sub>-9eTiO<sub>2</sub>-9f

10/31

FIGURE - 10

11/31

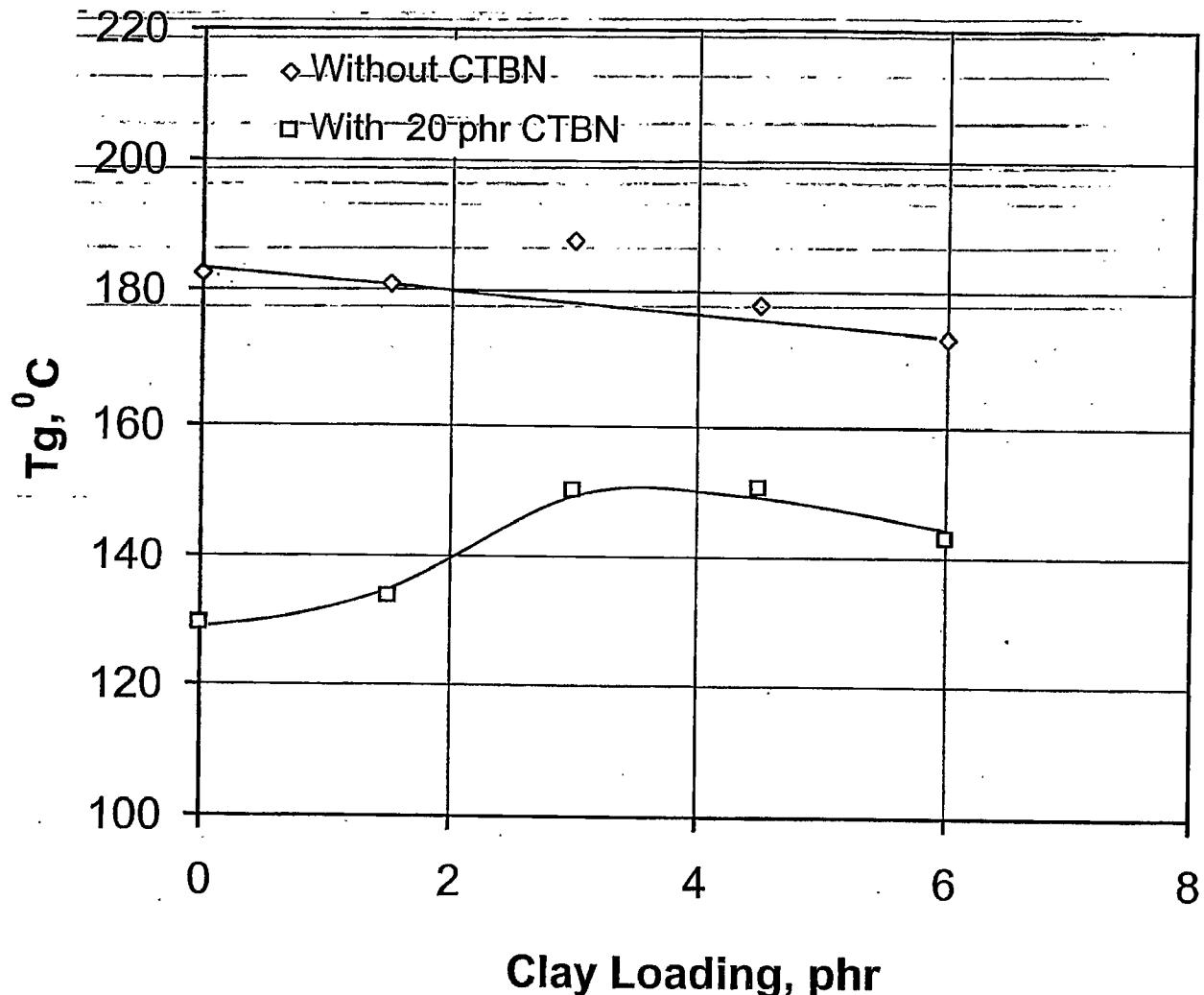
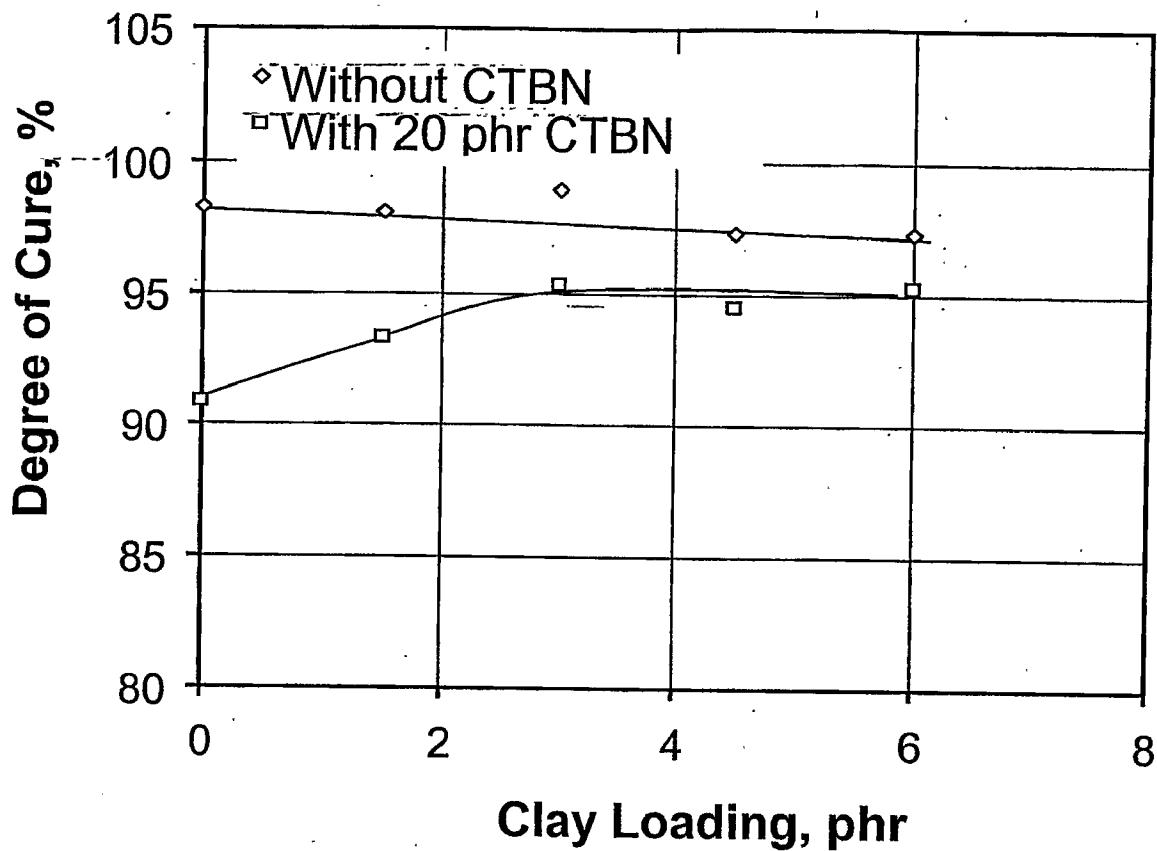
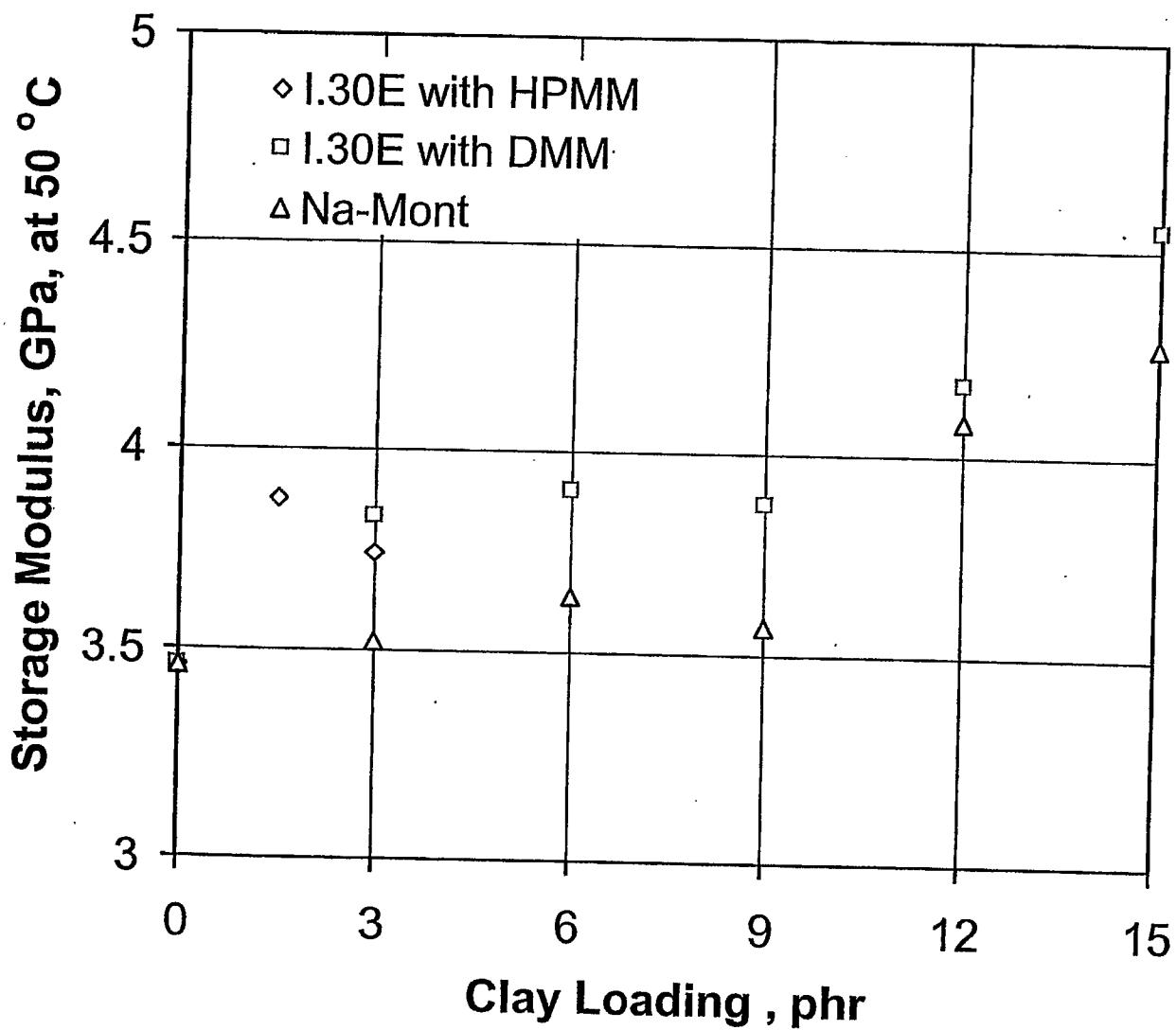


FIGURE - 11

12/31

FIG - 12

13/31

FIGURE - 13

14/31

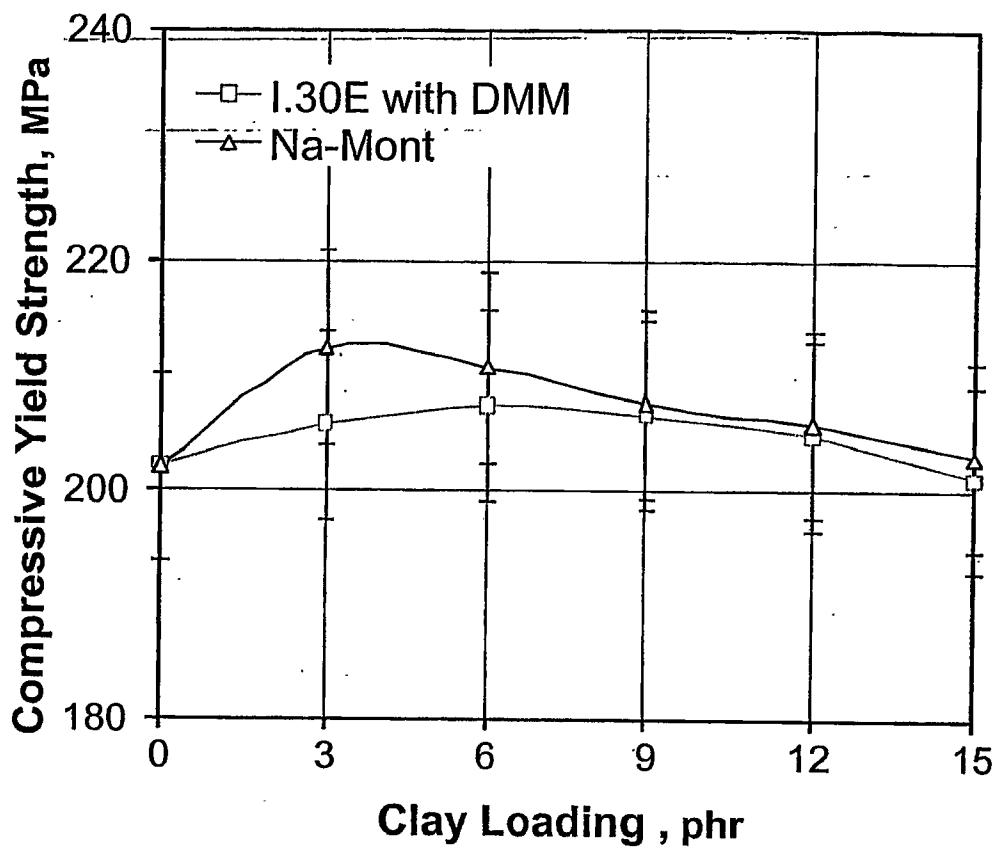
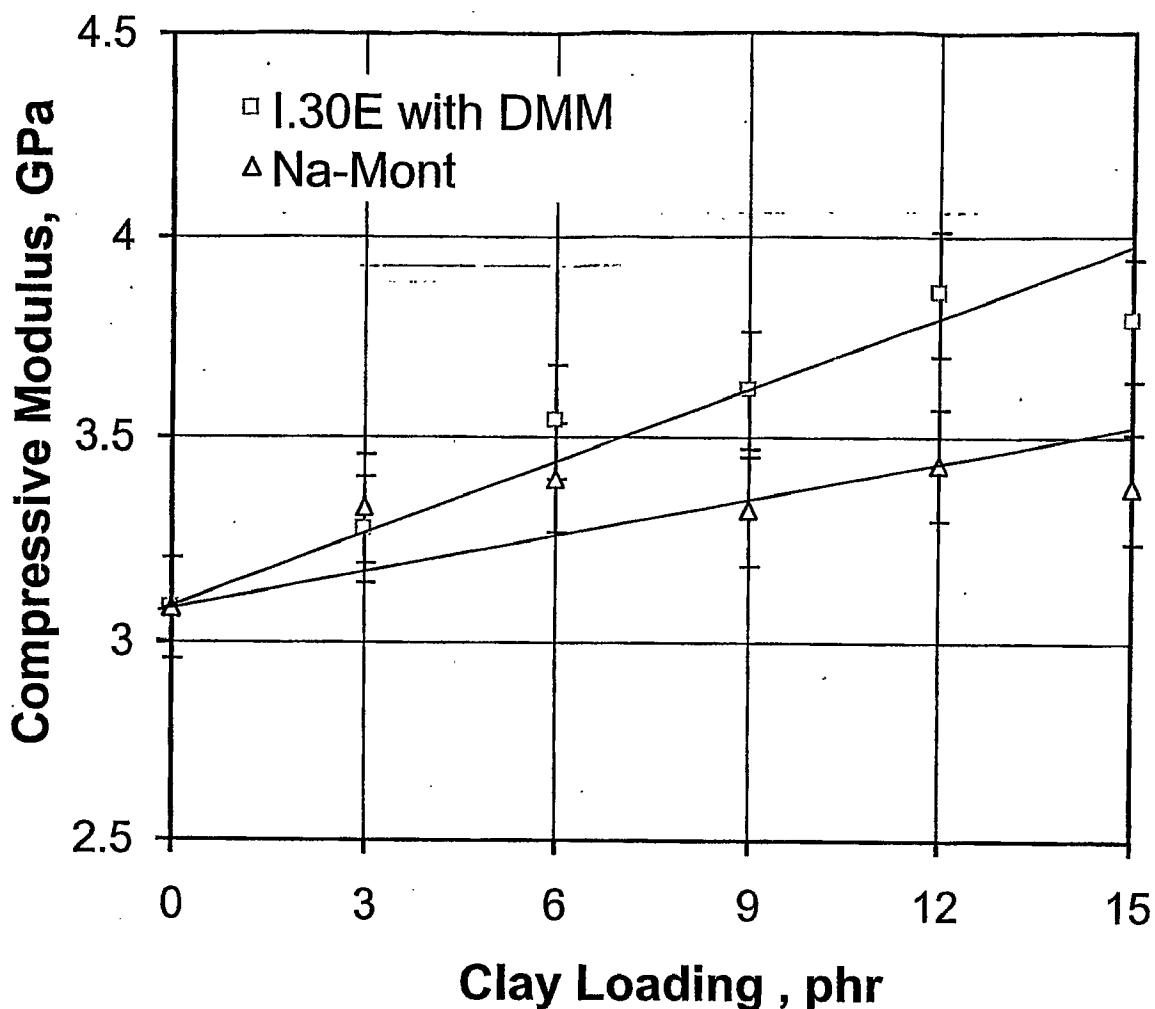
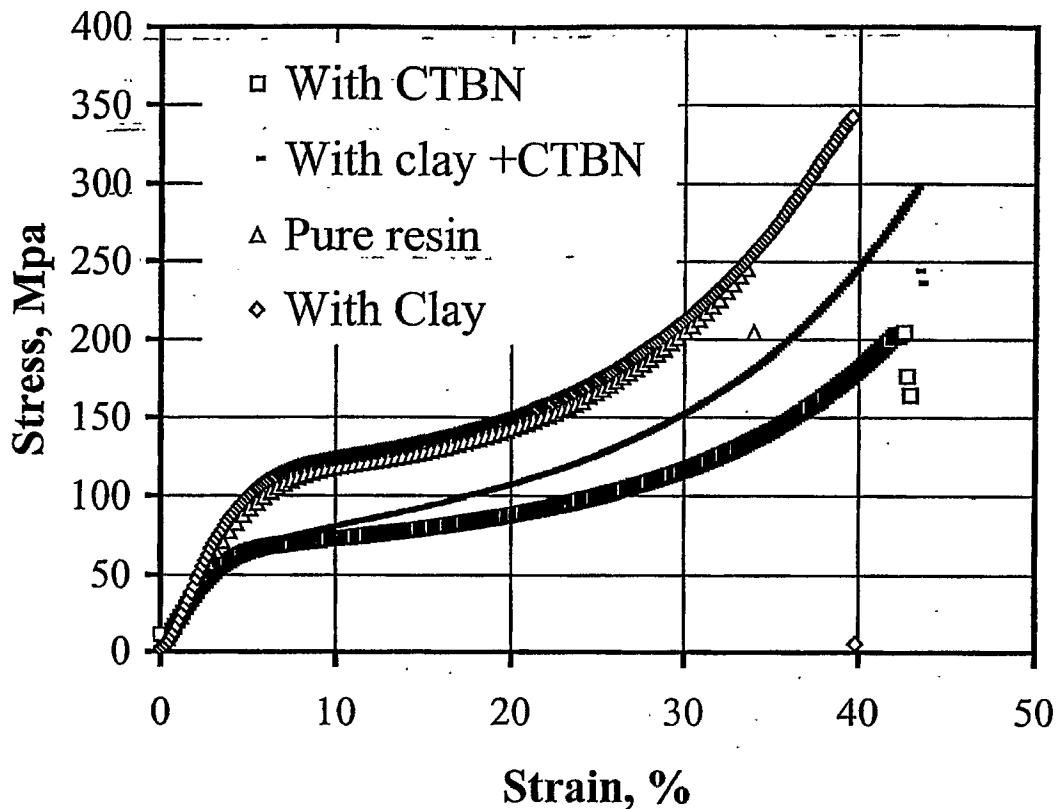


FIGURE - 14

15/31

FIGURE - 15

16/31

FIG. 16

17/31

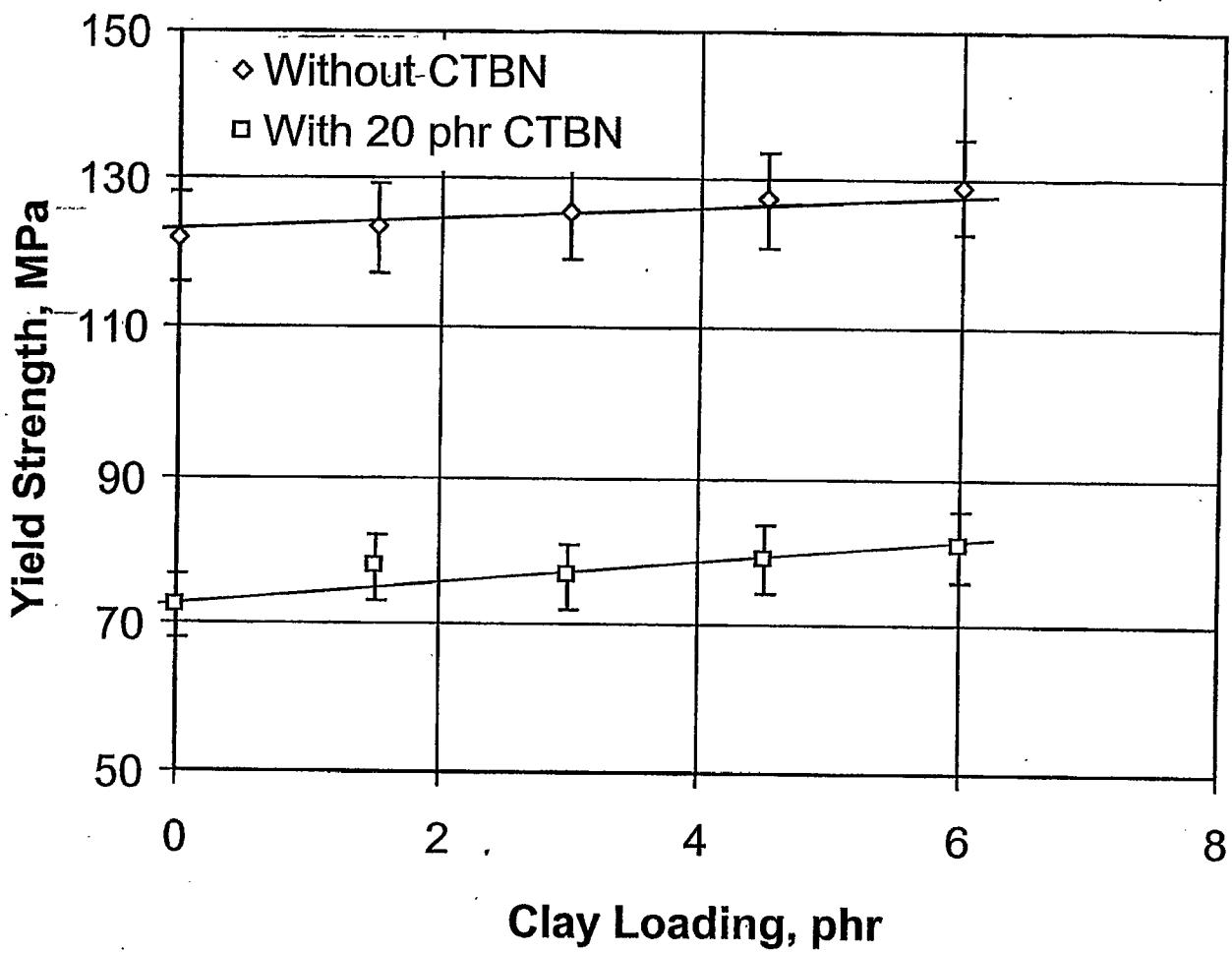


FIGURE - 17

18/31

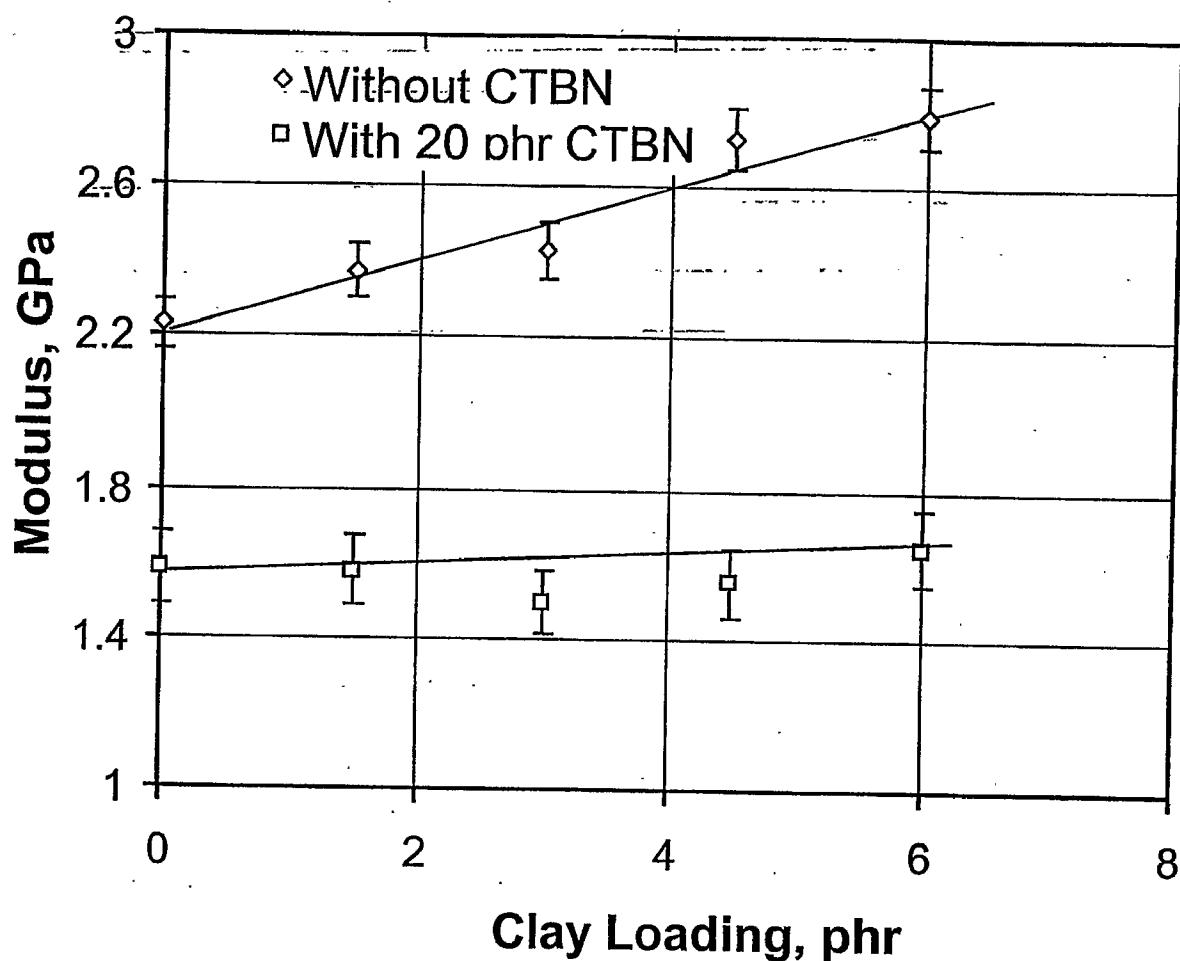
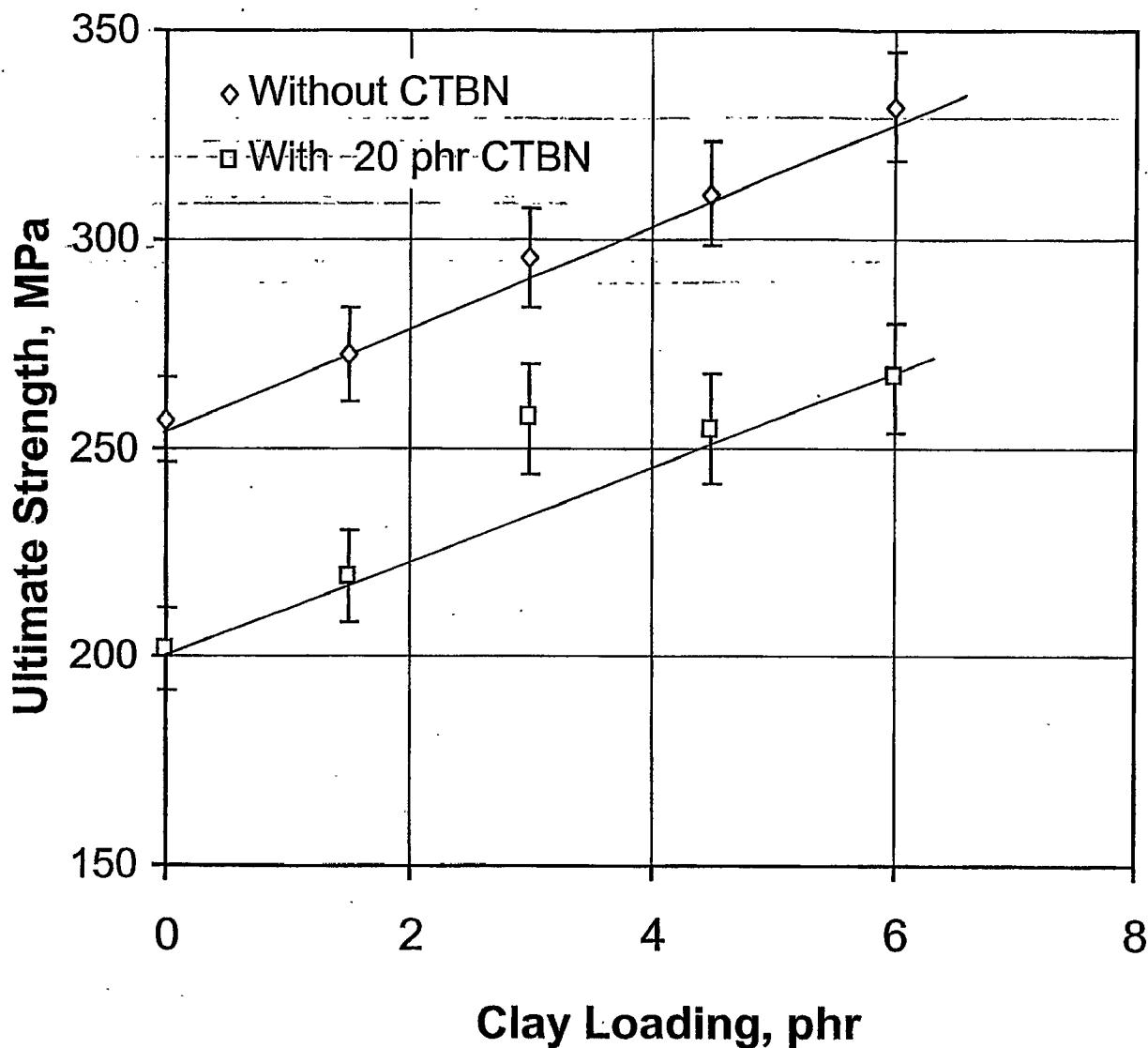
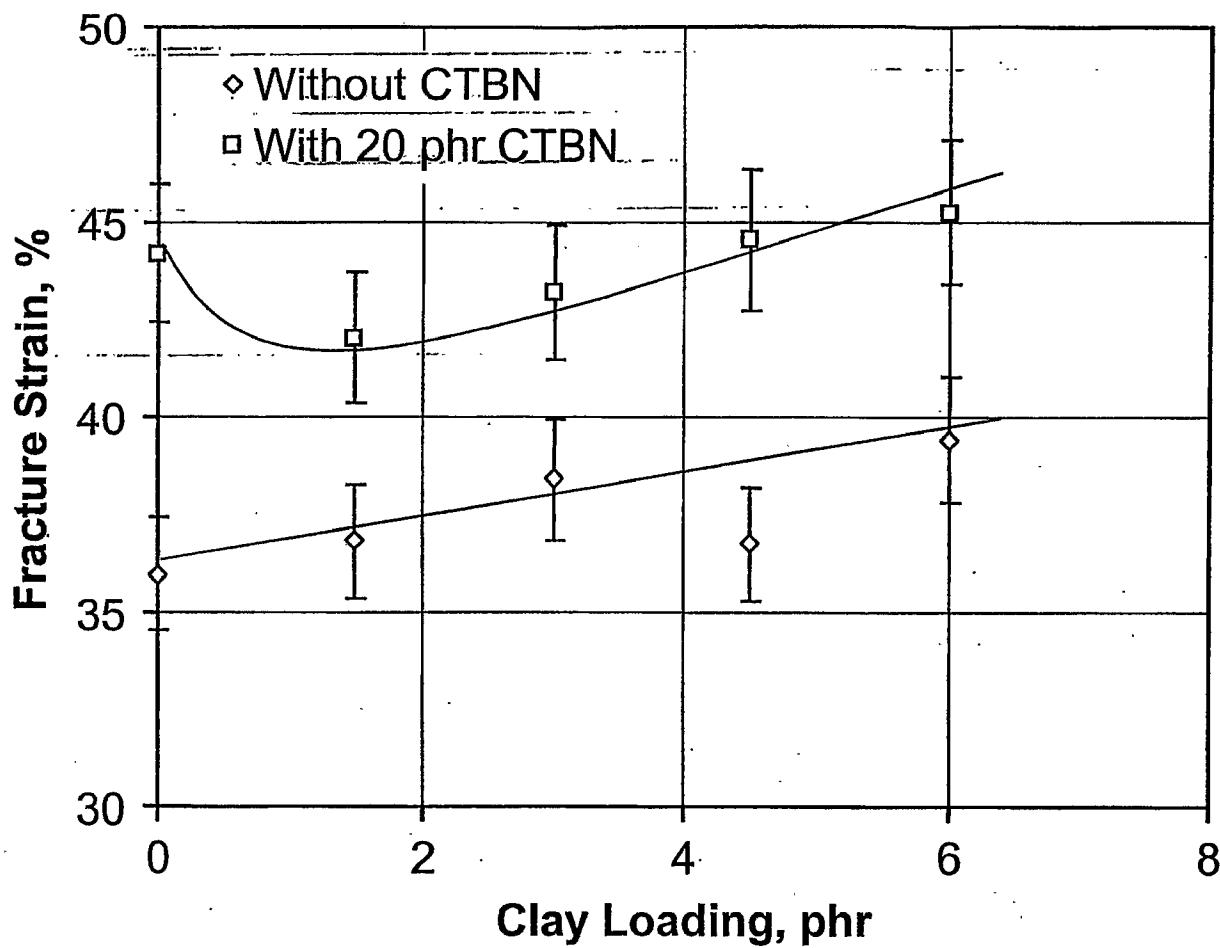


FIGURE 18

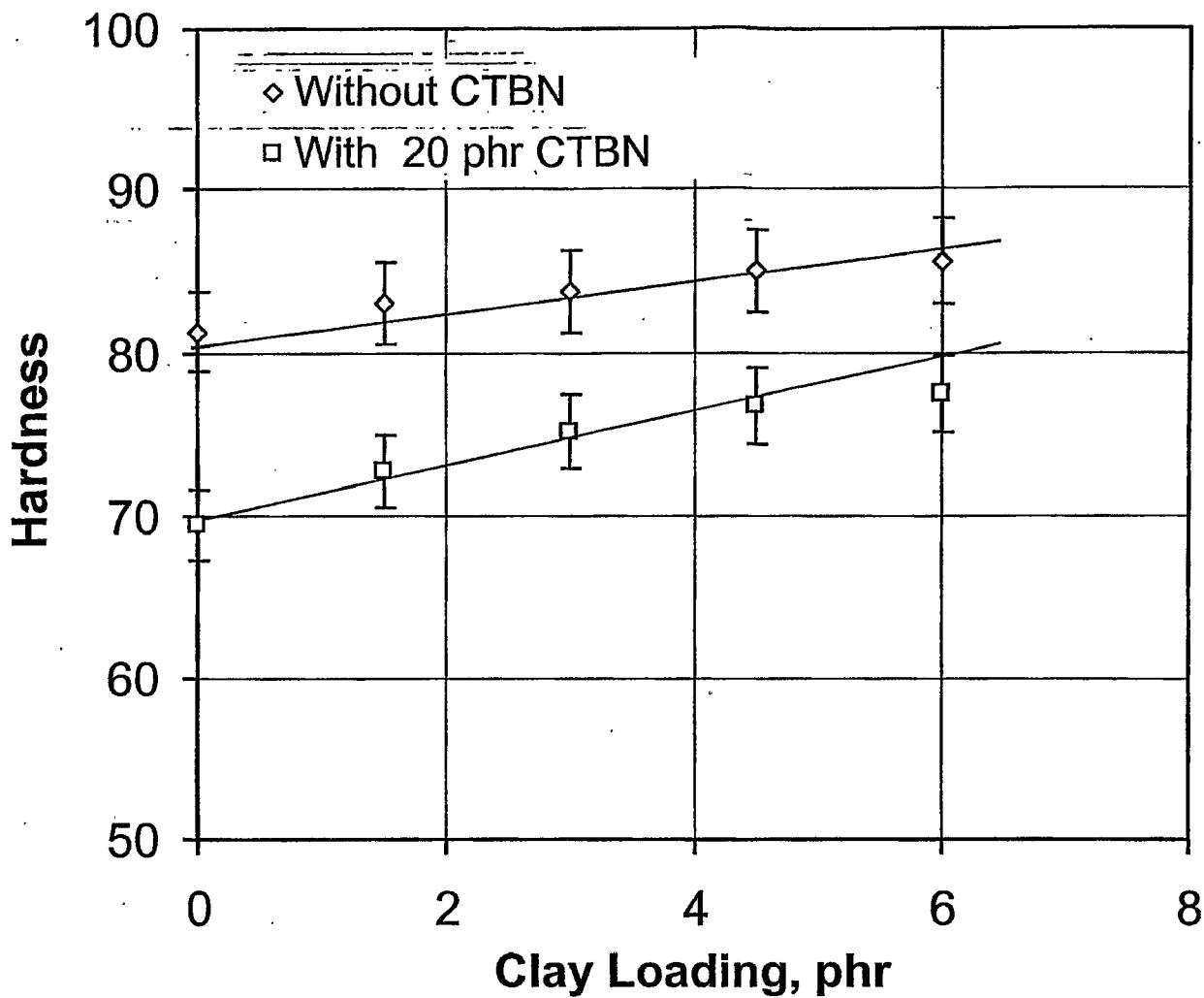
19/31

FIGURE - 19

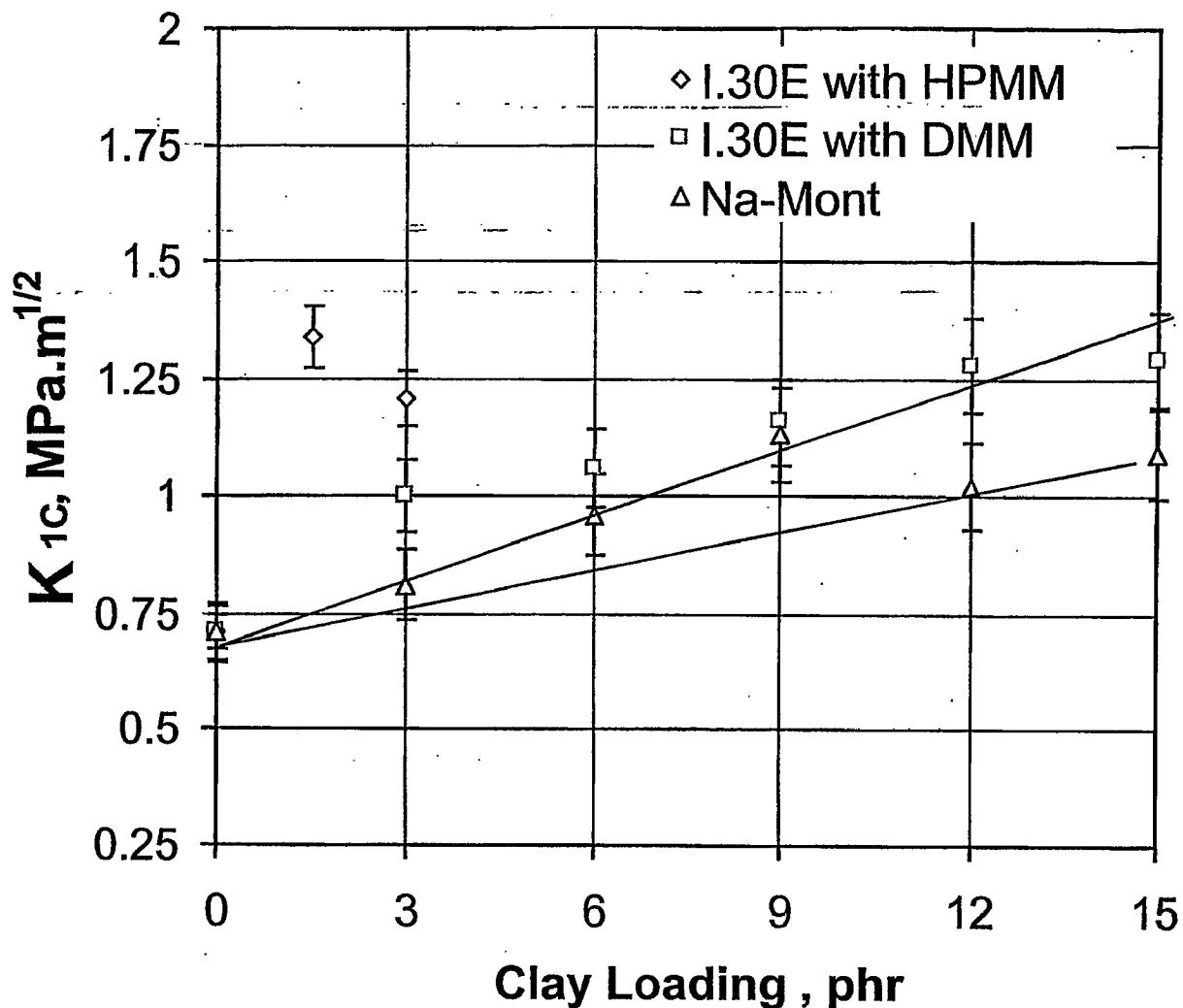
20/31

Fig. 20

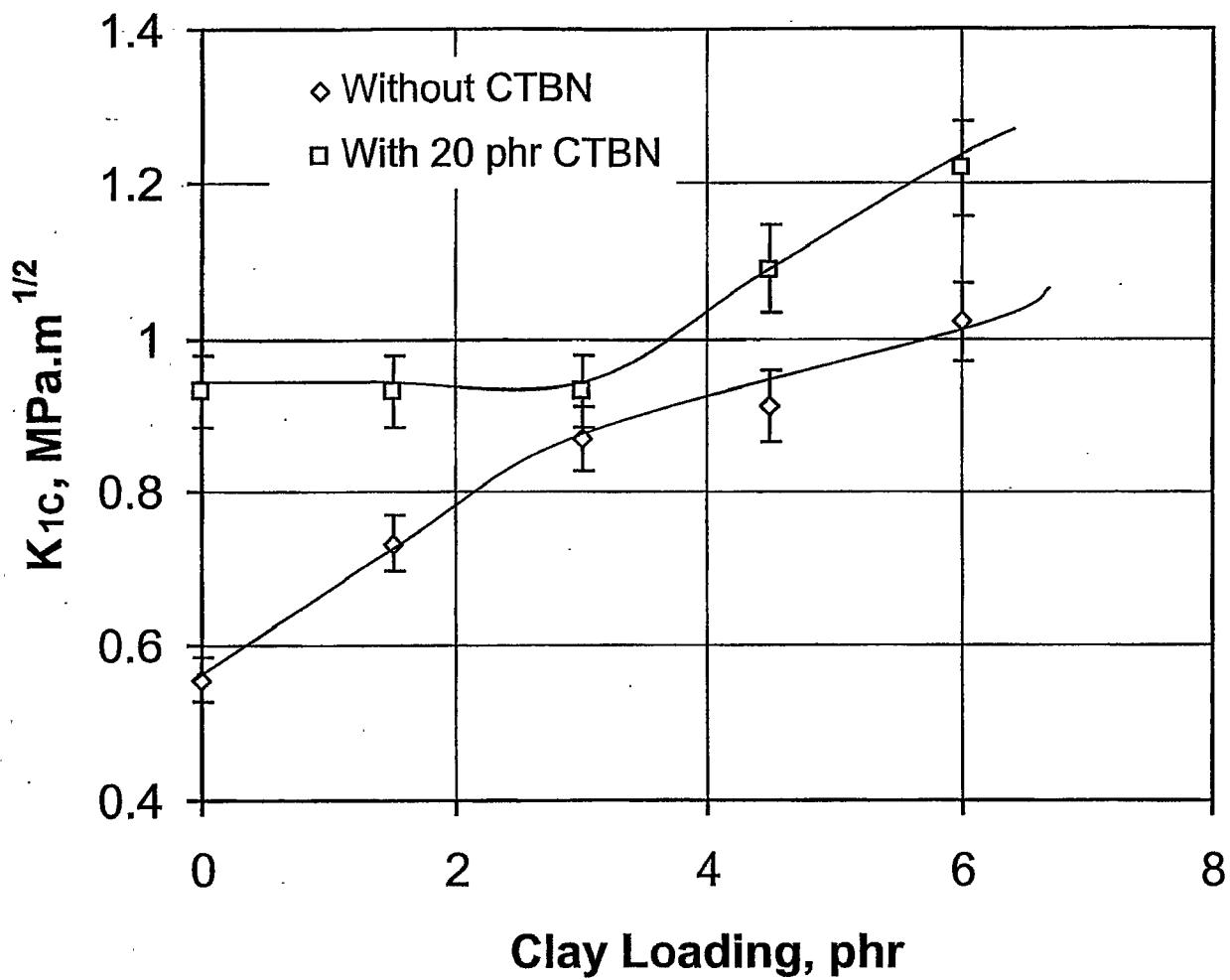
21/31

FIGURE - 21

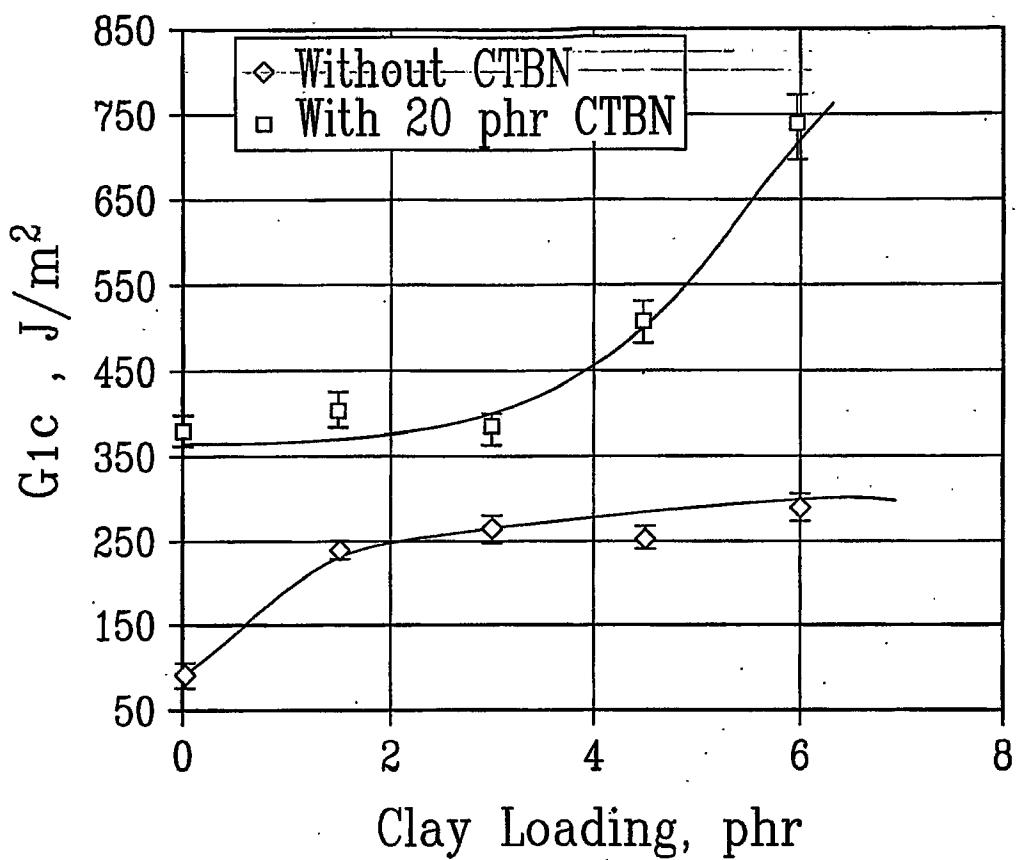
22/31

FIG - 22

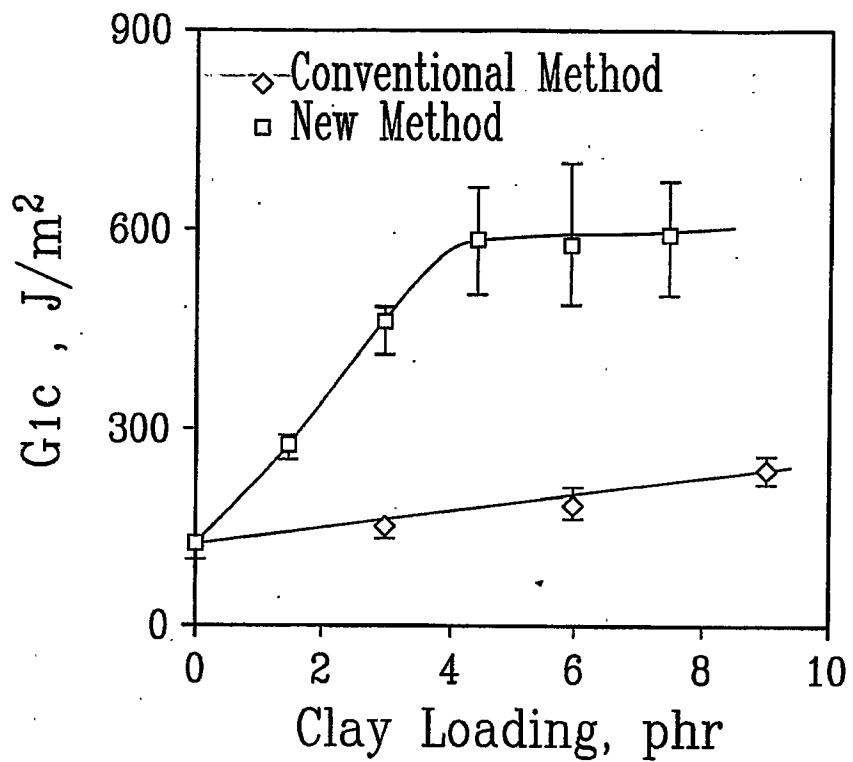
23/31

FIG. 23

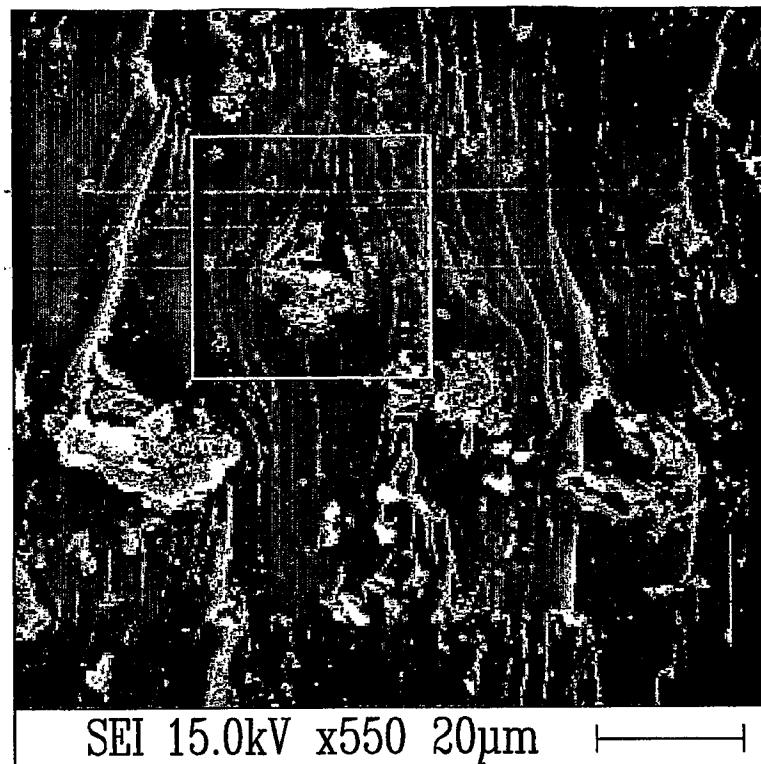
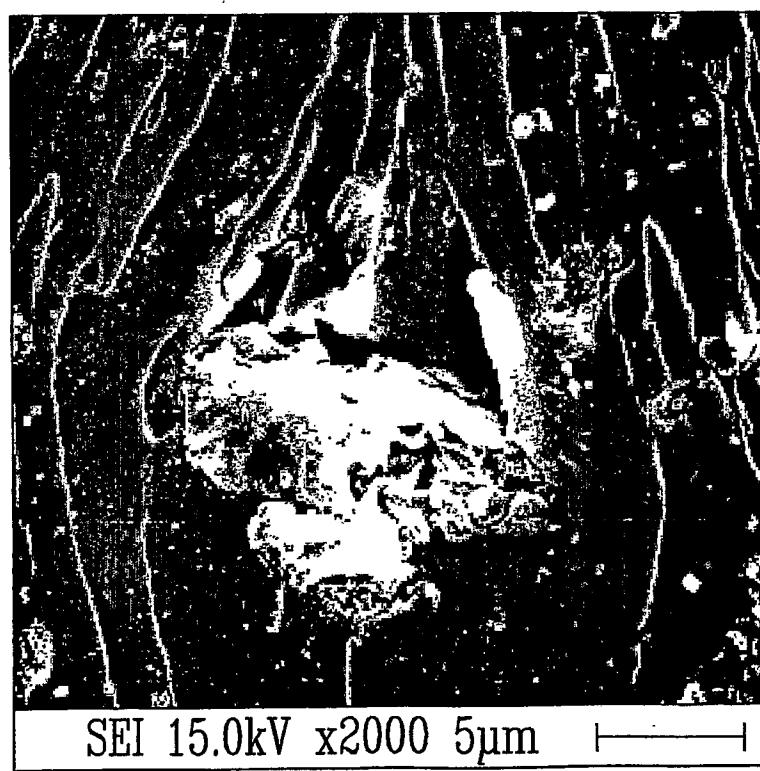
24/31

FIGURE - 24

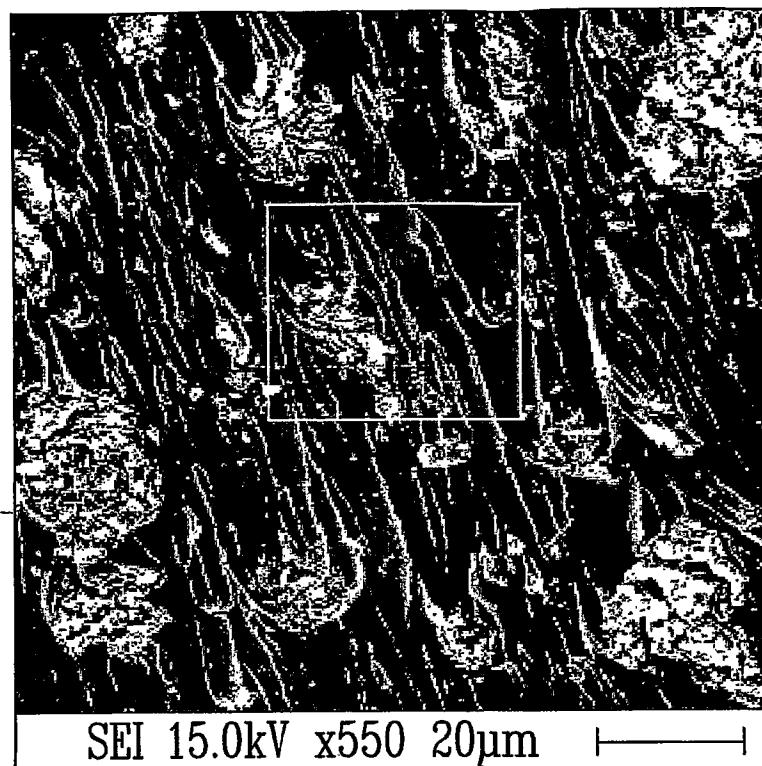
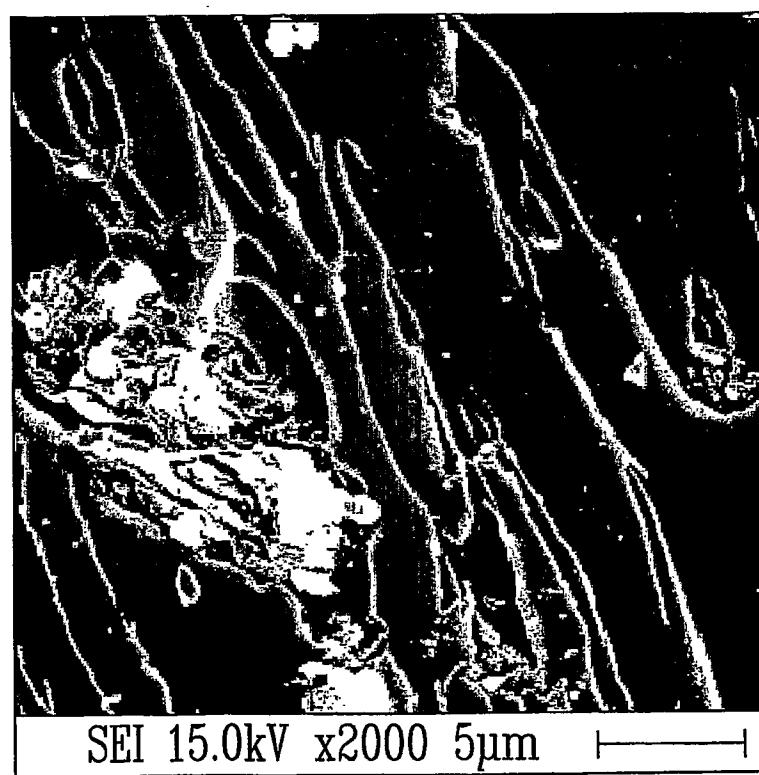
25/31

FIG. 25

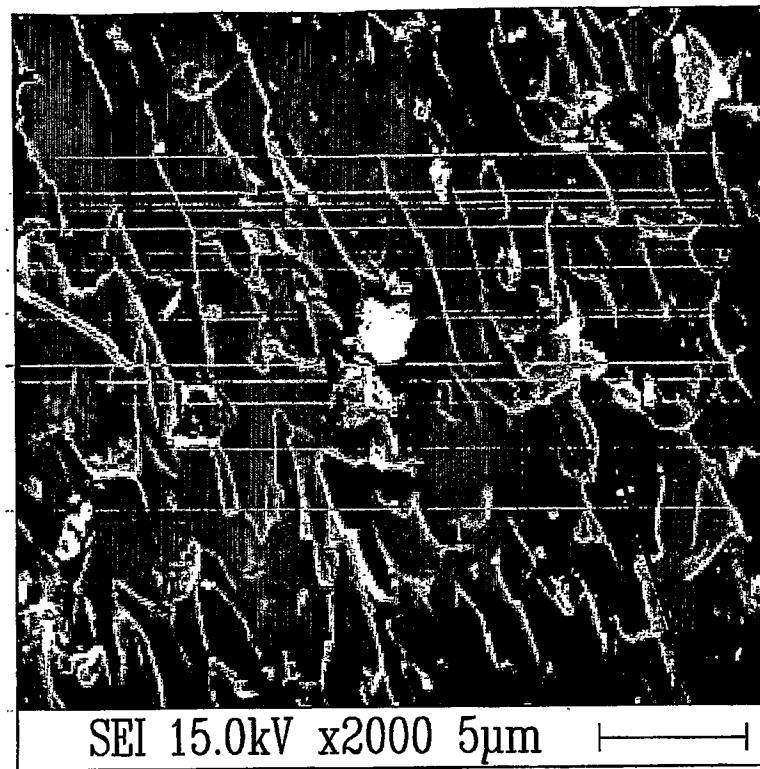
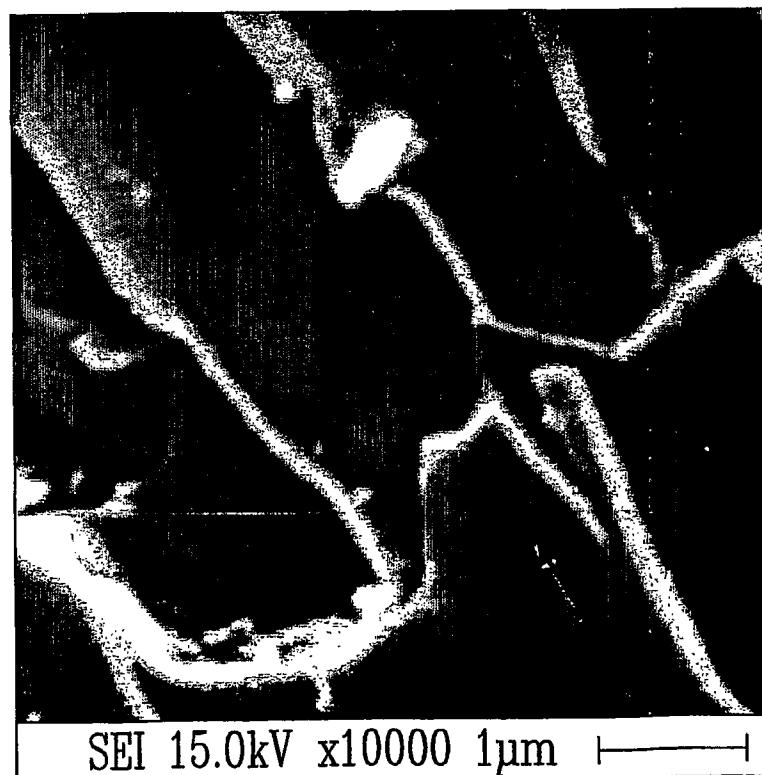
26/31

FIG - 26aFIG - 26b

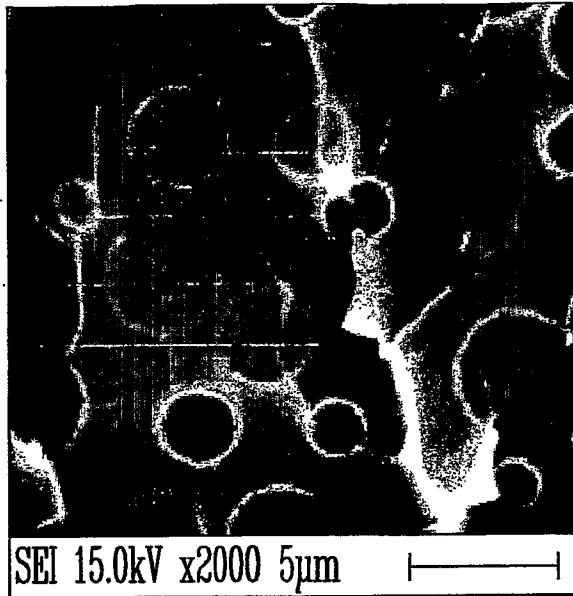
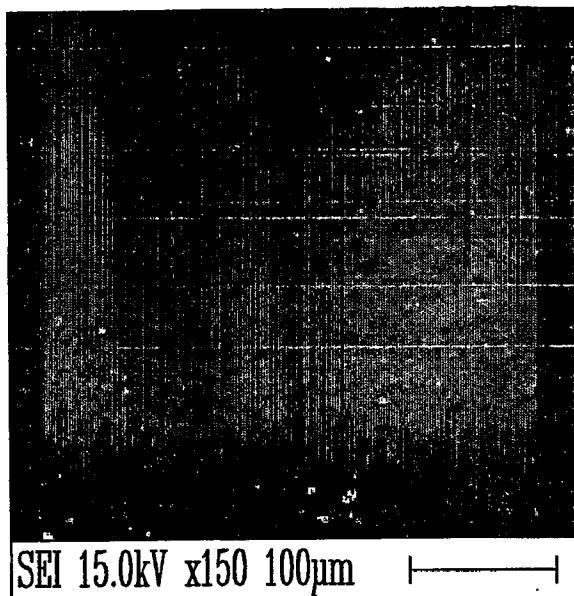
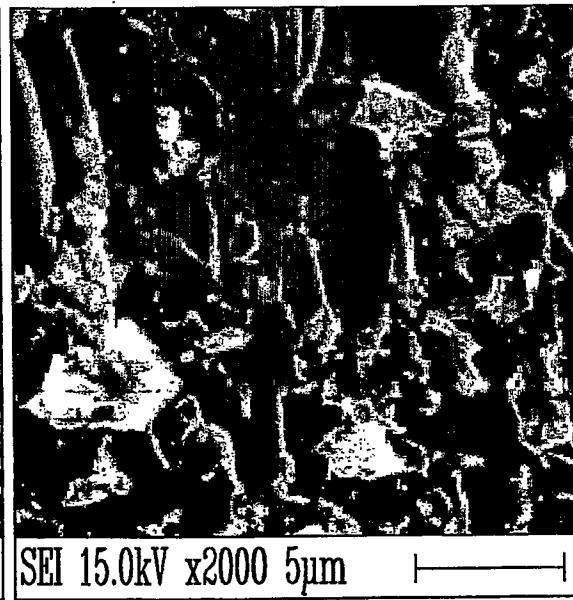
27/31

~~FIG - 27a~~~~FIG - 27b~~

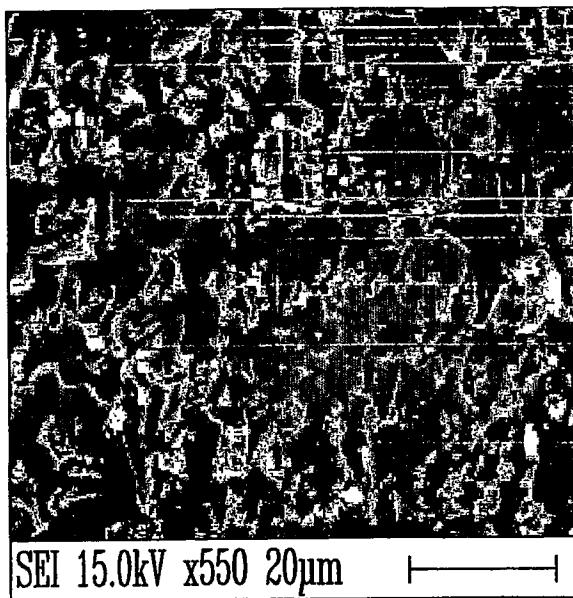
28/31

FIG - 28aFIG - 28b

29/31

FIG. 29aFIG. 29bFIG. 29cFIG. 29d

30/31



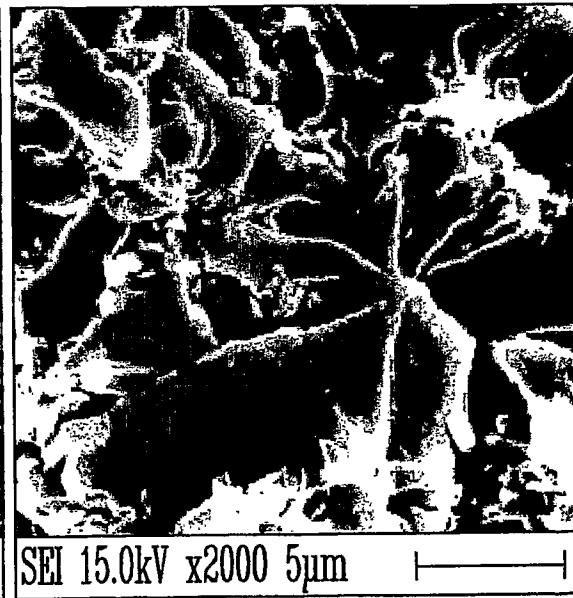
SEI 15.0kV x550 20µm



SEI 15.0kV x2000 5µm

FIG - 29eFIG - 29f

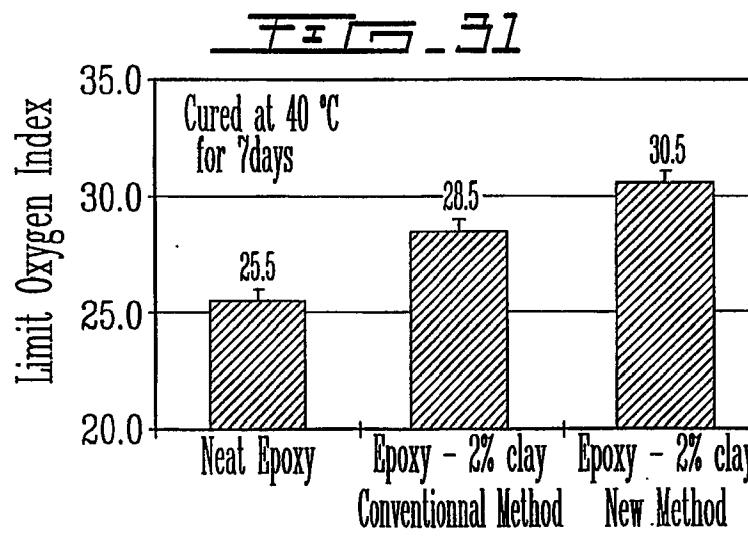
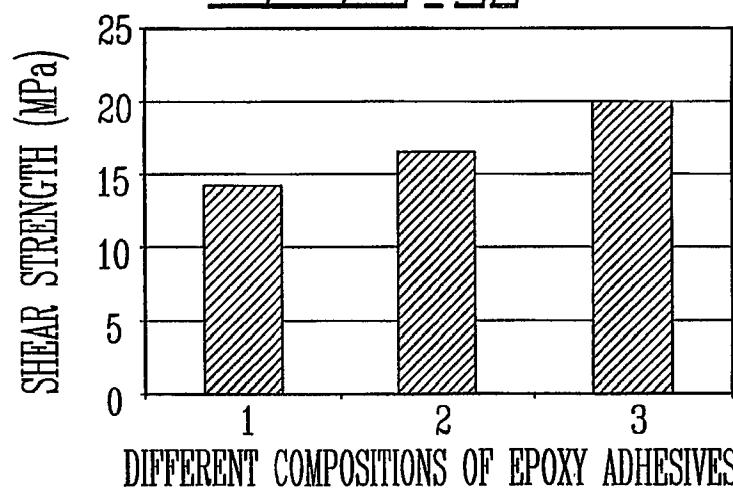
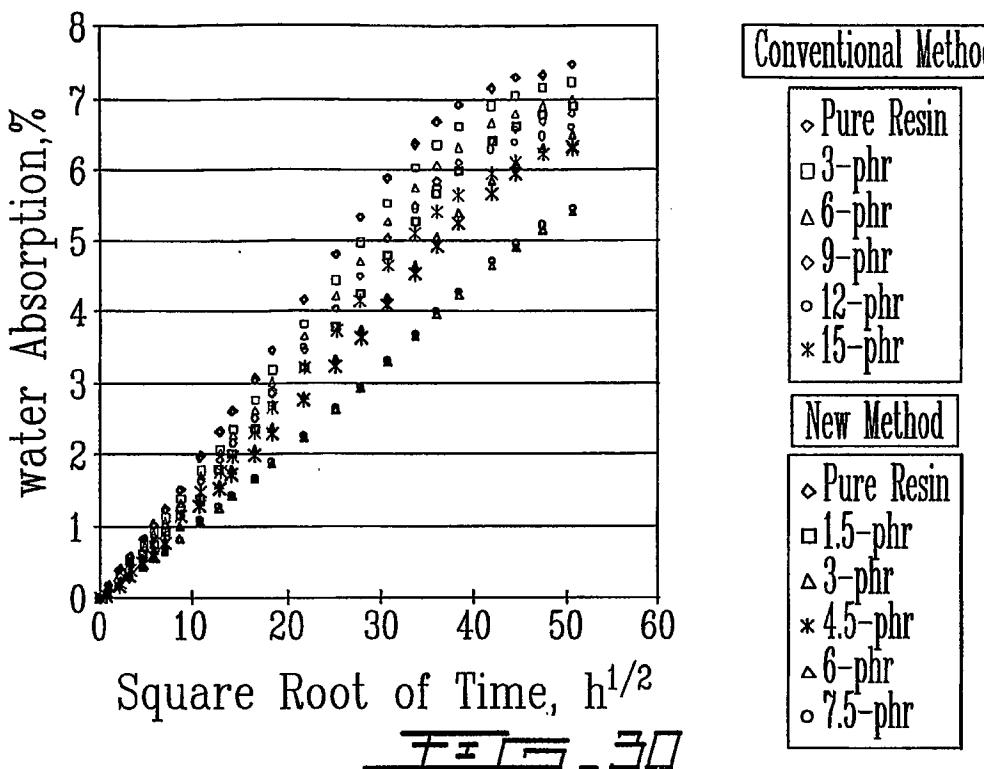
SEI 15.0kV x550 20µm



SEI 15.0kV x2000 5µm

FIG - 29gFIG - 29h

31/31



31/32